

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/009199

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, EMBASE, BIOSIS, PAJ, WPI Data, Sequence Search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 02, 29 February 2000 (2000-02-29) & JP 11 318461 A (SHIOSAKA SADA0; IGAKU SEIBUTSUGAKU KENKYUSHO:KK), 24 November 1999 (1999-11-24) the whole document	1-26
X	WO 02/18623 A (ALBRECHT HUGO ; HENGST ULRICH (CH); MONARD DENIS (CH); NOVARTIS FORSCH) 7 March 2002 (2002-03-07) the whole document	1-26
X	EP 0 945 512 A (SUNTORY LTD) 29 September 1999 (1999-09-29) the whole document	1-26
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"Z" document member of the same patent family

Date of the actual completion of the international search

24 November 2004

Date of mailing of the international search report

27.04.05

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KISHI TADAAKI ET AL: "Human kallikrein 8, a novel biomarker for ovarian carcinoma." CANCER RESEARCH, vol. 63, no. 11, 1 June 2003 (2003-06-01), pages 2771-2774, XP002307298 ISSN: 0008-5472 the whole document	1-26
P,A	----- WO 03/085404 A (DIAMANDIS ELEFTHERIOS ; MOUNT SINAI HOSPITAL CORP (CA); KISHI TADAAKI) 16 October 2003 (2003-10-16) the whole document -----	1-26

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-26 (part)

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-26(part)

Method of screening for therapeutical agents useful in the treatment of Alzheimer; method for diagnosing Alzheimer; pharmaceutical compositions comprising agents which bind/regulate the activity of a KLK8 polypeptide for the treatment of Alzheimer; pharmaceutical compositions for the treatment of Alzheimer comprising the KLK8 polypeptide; method for preparing a pharmaceutical composition useful for the treatment of Alzheimer.

2. claims: 1-26(part)

Method of screening for therapeutical agents useful in the treatment of gastroenterological disorders; method for diagnosing gastroenterological disorders; pharmaceutical compositions comprising agents which bind/regulate the activity of a KLK8 polypeptide for the treatment of gastroenterological disorders; pharmaceutical compositions for the treatment of gastroenterological disorders comprising the KLK8 polypeptide; method for preparing a pharmaceutical composition useful for the treatment of gastroenterological disorders.

3. claims: 1-26(part)

Method of screening for therapeutical agents useful in the treatment of cancer; method for diagnosing cancer; pharmaceutical compositions comprising agents which bind/regulate the activity of a KLK8 polypeptide for the treatment of cancer; pharmaceutical compositions for the treatment of cancer comprising the KLK8 polypeptide; method for preparing a pharmaceutical composition useful for the treatment of cancer.

4. claims: 1-26(part)

Method of screening for therapeutical agents useful in the treatment of reproduction disorders; method for diagnosing reproduction disorders; pharmaceutical compositions comprising agents which bind/regulate the activity of a KLK8 polypeptide for the treatment of reproduction disorders; pharmaceutical compositions for the treatment of reproduction disorders comprising the KLK8 polypeptide; method for preparing a pharmaceutical composition useful for the treatment of reproduction disorders.

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Information on patent family members

International application No

PCT/EP2004/009199

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 11318461	A	24-11-1999	NONE	
WO 0218623	A	07-03-2002	AU 1218402 A	13-03-2002
			CA 2420832 A1	07-03-2002
			WO 0218623 A2	07-03-2002
			EP 1315758 A2	04-06-2003
			JP 2004507471 T	11-03-2004
			US 2005037009 A1	17-02-2005
EP 0945512	A	29-09-1999	JP 11225765 A	24-08-1999
			EP 0945512 A2	29-09-1999
WO 03085404	A	16-10-2003	AU 2003213960 A1	20-10-2003
			WO 03085404 A1	16-10-2003
			CA 2481093 A1	16-10-2003
			EP 1490687 A1	29-12-2004